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Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

New U.S. Non-Provisional Patent Application  
Title: CHIMERIC GFP-AEQUORIN AS BIOLUMINESCENT Ca<sup>++</sup>  
REPORTERS AT THE SINGLE CELL LEVEL  
Inventors: Valerie BAUBET, Hervé LE MOUËLLIC and Philippe BRULET

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 44 pages, including title page and Abstract, 25 independent claims, and 86 claims total.
2. Drawings - 11 sheets of formal drawings (Figures 1, 2, 3a-3f, 4a-4c, 5, 6-11).
3. Applicants claim the right to priority based on Provisional Patent Application Nos. 60/208,314, filed June 1, 2000, 60/210,526, filed June 6, 2000, and 60/255,111, filed December 14, 2000.

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Please accord this application a serial number and filing date.

Respectfully submitted,

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